

WEST Search History

DATE: Friday, September 17, 2004

Hide? Set Name Query**Hit Count***DB=USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR*

<input type="checkbox"/>	L2	phosphatidylglycerol and (photosensitizer or \$porphyrin)	49
<input type="checkbox"/>	L1	phosphatidylglycerol same (photosensitizer or \$porphyrin)	2

END OF SEARCH HISTORY

Hit List

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Generate OACS				

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6608050 B2

Using default format because multiple data bases are involved.

L1: Entry 1 of 2

File: USPT

Aug 19, 2003

US-PAT-NO: 6608050

DOCUMENT-IDENTIFIER: US 6608050 B2

TITLE: Lyophilizate of lipid complex of water insoluble porphyrins

DATE-ISSUED: August 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cherian; Mathew	Arese			IT
Apte; Shireesh Prakash	Mansfield	TX		

US-CL-CURRENT: 514/189; 424/400, 424/499, 424/500, 514/188, 514/410, 514/427,
514/428, 514/429, 556/81

Full	Title	Citation	Front	Review	Classification	Date	Reference	References	Abstracts	Claims	KWIC	Draw D
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☐ 2. Document ID: AU 2002252874 A1, WO 200283097 A2, US 20020156062 A1, EP 1377274 A2

L1: Entry 2 of 2

File: DWPI

Oct 28, 2002

DERWENT-ACC-NO: 2003-040718

DERWENT-WEEK: 200433

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TITLE: Composition useful in the treatment of e.g. cancer comprises microaggregates comprising optionally saturated phospholipids and at least one photosensitizer

INVENTOR: BOCH, R E; KARMADI, I ; SINGH, D M R

PRIORITY-DATA: 2001US-0833406 (April 11, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 2002252874 A1	October 28, 2002		000	A61K009/107
WO 200283097 A2	October 24, 2002	E	057	A61K009/107
US 20020156062 A1	October 24, 2002		000	A61K031/409

EP 1377274 A2

January 7, 2004

E

000

A61K009/107

INT-CL (IPC): A61 K 9/107; A61 K 9/127; A61 K 31/409; A61 K 31/555; A61 K 41/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Collection	Attachment	Claims	KMC	Draw D
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Terms	Documents
phosphatidylglycerol same (photosensitizer or \$porphyrin)	2

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L2: Entry 45 of 49

File: USPT

May 25, 1993

US-PAT-NO: 5214036

DOCUMENT-IDENTIFIER: US 5214036 A

TITLE: Benzoporphyrin derivatives for photodynamic therapy

DATE-ISSUED: May 25, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Allison; Beth A.	Vancouver			CA
Richter; Anna M.	Vancouver			CA
Pritchard; P. Haydn	Vancouver			CA
Levy; Julia G.	Vancouver			CA

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE	CODE
University of British Columbia	British Columbia			CA		03

APPL-NO: 07/ 491674 [PALM]

DATE FILED: March 8, 1990

INT-CL: [05] A61K 31/40, A61K 47/42

US-CL-ISSUED: 514/185; 514/410, 530/359

US-CL-CURRENT: 514/185; 514/410, 530/359

FIELD-OF-SEARCH: 514/21.185, 514/410, 424/450, 530/359

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4797392</u>	January 1989	Chernomorsky	514/185
<input type="checkbox"/>	<u>4849207</u>	July 1989	Sakata et al.	514/185
<input type="checkbox"/>	<u>4920143</u>	April 1990	Levy et al.	514/410

OTHER PUBLICATIONS

Horrobin, Chemical Abstracts, v. 106, 1987 Abstract 182699x.

Richter, et al., Proc. of SPIE, The Int. Soc. for Optical Engineering 997:132-138.

Kessel, (1977) Biochem. Soc. Trans. 5:139-140.
Lipson et al., (1961) J. Natl. Cancer Inst. 26 (1):1-11.
Richter et al., (1987) J. Natl. Cancer Inst. 79:1327-1332.
Mew et al., (1983) J. Immunol. 130:1473-1477.
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Kelley et al., (1986) Methods in Enzymology 128:170-181.
Jori et al., (1984) Cancer Letters 24:291-297.
Zhou et al., (1988) Photochem. Photobiol. 48(4):487-492.

ART-UNIT: 122

PRIMARY-EXAMINER: Bond; Robert T.

ASSISTANT-EXAMINER: Ward; E. C.

ATTY-AGENT-FIRM: Morrison & Foerster

ABSTRACT:

Green porphyrins (Gp), compounds important in photodynamic therapy, have been associated with lipocomplexes to reduce the required amount of photosensitizer through higher effective absorption and increased specificity. BPDs, especially in conjunction with the HDL fraction of plasma lipoproteins, has been shown to be particularly effective in this context. Pharmaceutical compositions in which these combinations are the active ingredients for use in diagnosis and treatment of tumors are also disclosed.

6 Claims, 8 Drawing figures

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